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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/993,258	11/13/2001	Jeffrey D. Stroomer	X-930 US	7768

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EXAMINER

BAHTA, KIDEST

ART UNIT PAPER NUMBER

2125

DATE MAILED: 05/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/993,258

Applicant(s)

STROOMER, JEFFREY D.

Examiner

Kidest Bahta

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ____ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) ____ is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bailey (U.S. Patent 6,701,513 in view of Yamamoto et al. (U. S. Patent 6,735,759).

Regarding claims 1-30, Bailey discloses a computer program comprising: displaying program code for the computer program in a user interface comprising a code display window (Fig. 8B); linking at least one element to the displayed program code to a data file (column 16, lines 15-25), the data file comprising implementation instructions for the at least one element of the computer program (column 18, lines 47-67); displaying an implementation instruction selected from the group consisting of program code continents, modified program code, a code execution directive, a compilation directive, and an assembly directive (column 21, lines 24-30); at least one element is selected from the group consisting of functions, variables, and expressions (Fig. 4D); the implementation development window and the code display window are concurrently viewable (Fig. 4D, 8A); the implementation development window does not obscure the code display window when concurrently viewed (column 22, lines 5-25); displaying the program code in a text editor viewable within the code display window (column 21, lines 24-39).

However, Bailey fails to disclose responsive to a query of one of the at least one linked element of the computer program, displaying a corresponding implementation instruction for the queried element in the user interface; displaying program code in the code display window further comprises displaying the program code in a text editor viewable within the code display window; responsive to the query of one of the at least one linked element, inputting an implementation instruction for the queried element in the implementation on display window; comprising storing the inputted implementation instruction in the data file; displaying the implementation instruction in the implementation display window of the user interface without obscuring the program code.

Yamamoto discloses displaying a corresponding implementation instruction for the queried element in the user interface (Fig. 2); displaying program code in the code display window further comprises displaying the program code in a text editor viewable within the code display window (Abstract); responsive to the query of one of the at least one linked element, inputting an implementation instruction for the queried element in the implementation on display window (Fig. 5); storing the inputted implementation instruction in the data file (Fig. 1 element 108); displaying the implementation instruction in the implementation display window of the user interface without obscuring the program code (Fig. 5 and Fig. 6).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to improve the teachings of Bailey with the teachings of Yamamoto in order to easily modify and edit the software program.

Response to Arguments

3. Applicant's arguments filed 3/24/05 have been fully considered but they are not persuasive.

Regarding claims 1, 10, 17, 22 and 33, Applicant argues that Bailey and Yamamoto fail to disclose responsive to a query of one of the at least one linked element of the computer program, displaying a corresponding implementation instruction for said queried element in said user interface. However, Examiner disagrees since Bailey discloses in FIG. 8A a preferred illustration of the GUI 400 of FIG. 4D further including a *code window 800*. Code window 800 includes a pull-down object box 802, which contains a list of all of the program objects currently residing in the form window 404. By default, the object box 802 initially *displays the program object selected by the developer*, e.g., Label1. Code window 800 further includes a pull-down procedures/events box 804, which *contains a list of all of the procedures and events supported by the selected program object of object box 802*. Selecting a particular procedure or event from box 804 positions the entry point for subsequent textual inputs at the first line of the respective procedure or event. The procedures/events box 804 may initially display the first event supported by the corresponding object, e.g., the Change event, which is issued when an object's Value property changes. Code window 800 further includes an input area 806. Within the input area 806, the developer can *write, review and edit program code for the respective application program using the keyboard 224 to generate textual inputs*. In the preferred embodiment, the developer enters one or more statements within input area 806. A statement is basically a

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syntactically complete unit that expresses some action, declaration or definition. A statement generally occupies a single line, although a first designated symbol, e.g., the colon (":"), may be used to include more than one statement on a line, and a second designated symbol, e.g., the line-continuation character ("_"), may be used to continue a single logical line onto a second physical line.). Regarding claim 8, Applicant argues that the implementation instructions *may be* program code comments, modified program code, a code execution directive, compilation directive, **or** an assembly directive.

However, Examiner disagree that since Bailrey discloses *review and edit program code (modified program) for the respective application program using the keyboard 224, see Fig. 8 and column 20 , line 46 – column 21, line 7, column 21, lines 36-39 .* Finally, for the above reasons the rejection of claims 1-37 over Bailrey and yamamoto have been maintain.

Conclusion

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed Kidest Bahta whose telephone number is 571-272-3737.

The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leo Picard can be reached on 571-272-3749. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application information Retrieval IPAIRI system. Status information for published applications may be obtained from either Private PMR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAG system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kidest Bahta

May 25, 2005